

100 Ford Rd. Denville, N.J. 07834 (201) 625 0700

July 27, 1988

Paxton & Seasongood
1700 Central Trust Tower
1 West Fourth Street
Cincinnati, OH 45202

ATTN: Denis Daly

SUBJ: L.E. Carpenter, Wharton, New Jersey
1986 Administrative Consent Order
April through June 1988 Progress Report

Gentlemen:

Per paragraph 35 of the 1986 Administrative Consent Order between L.E. Carpenter & Company and the NJDEP, the following progress report is submitted detailing the status of the activities at the former L.E. Carpenter, Wharton Facility.

Auto-Skimmer Solvent Recovery activities resumed between April 29 and May 6 and recovered approximately 30 gallons. Equipment problems recurred May 7 and suspended recovery activities for the remainder of the quarter. As of this report writing, recovery operations had recommenced. A total of 3881.5 gallons have been recovered as of June 30, 1988.

The June 22, 1987 proposal to L.E. Carpenter regarding a Multipoint Skimming/Groundwater Depression Product Recovery System remains under consideration.

Attached are the figures depicting contours for piezometric water level and the top of floating solvent elevations, and isopachs of solvent thickness for the months of April, May and June 1988. A summary table for elevations of groundwater, floating solvent and three locations on the Rockaway River, and for solvent thickness precedes each month's figures.




On June 20, 1988, groundwater samples were collected at the five designated monitor wells. ENSECO-ERCO Laboratory of Cambridge Massachusetts, was contracted for the analytical work. the results and laboratory QA/AC documentation are attached.

If you have any questions pertaining to the above, please do not hesitate to call.

Sincerely,

GEOENGINEERING, INC.



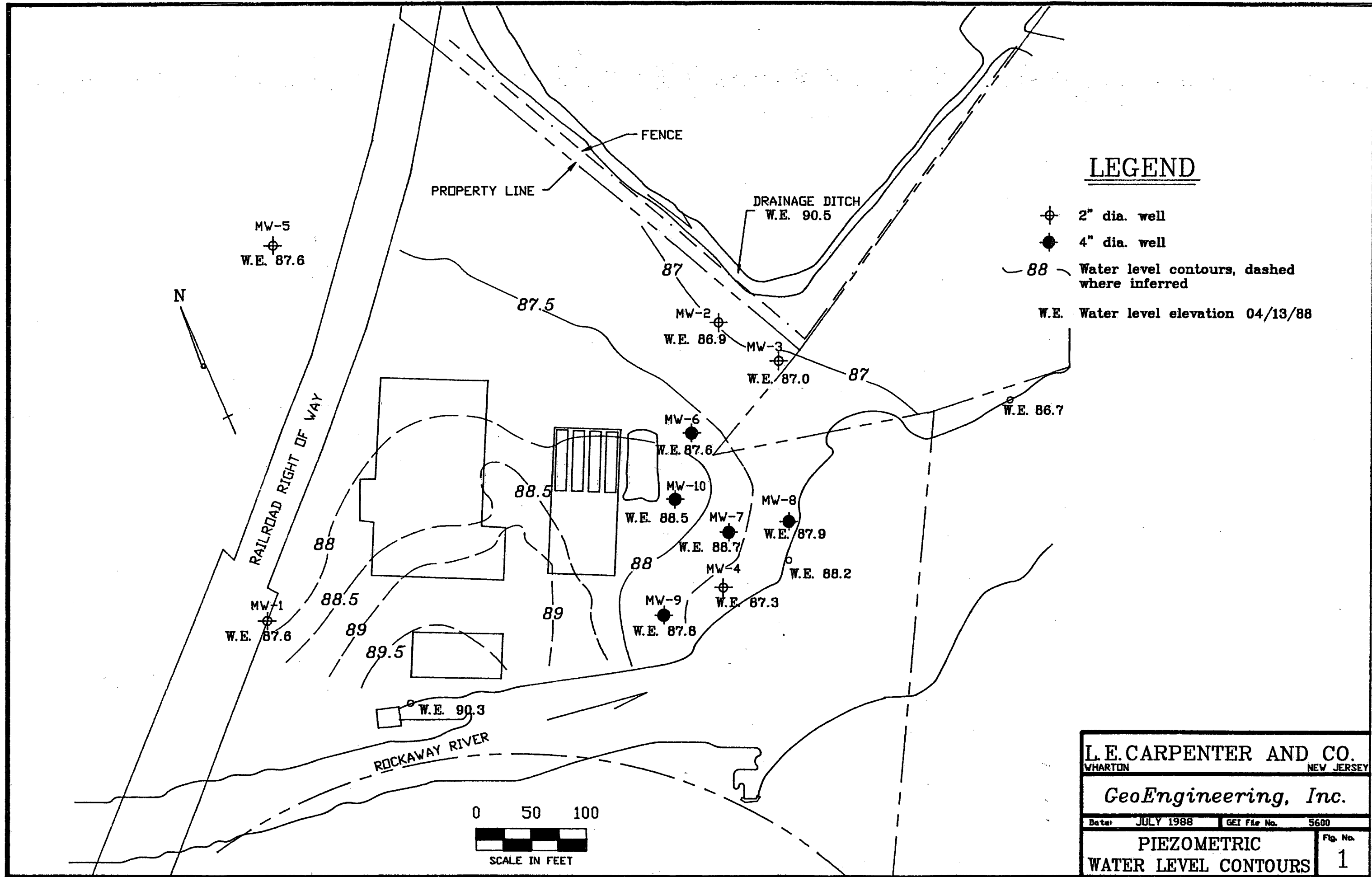
William W. Dunnell IV
Project Manager

WWD/tavh
Enclosures
cc: T. Schwartz (5)

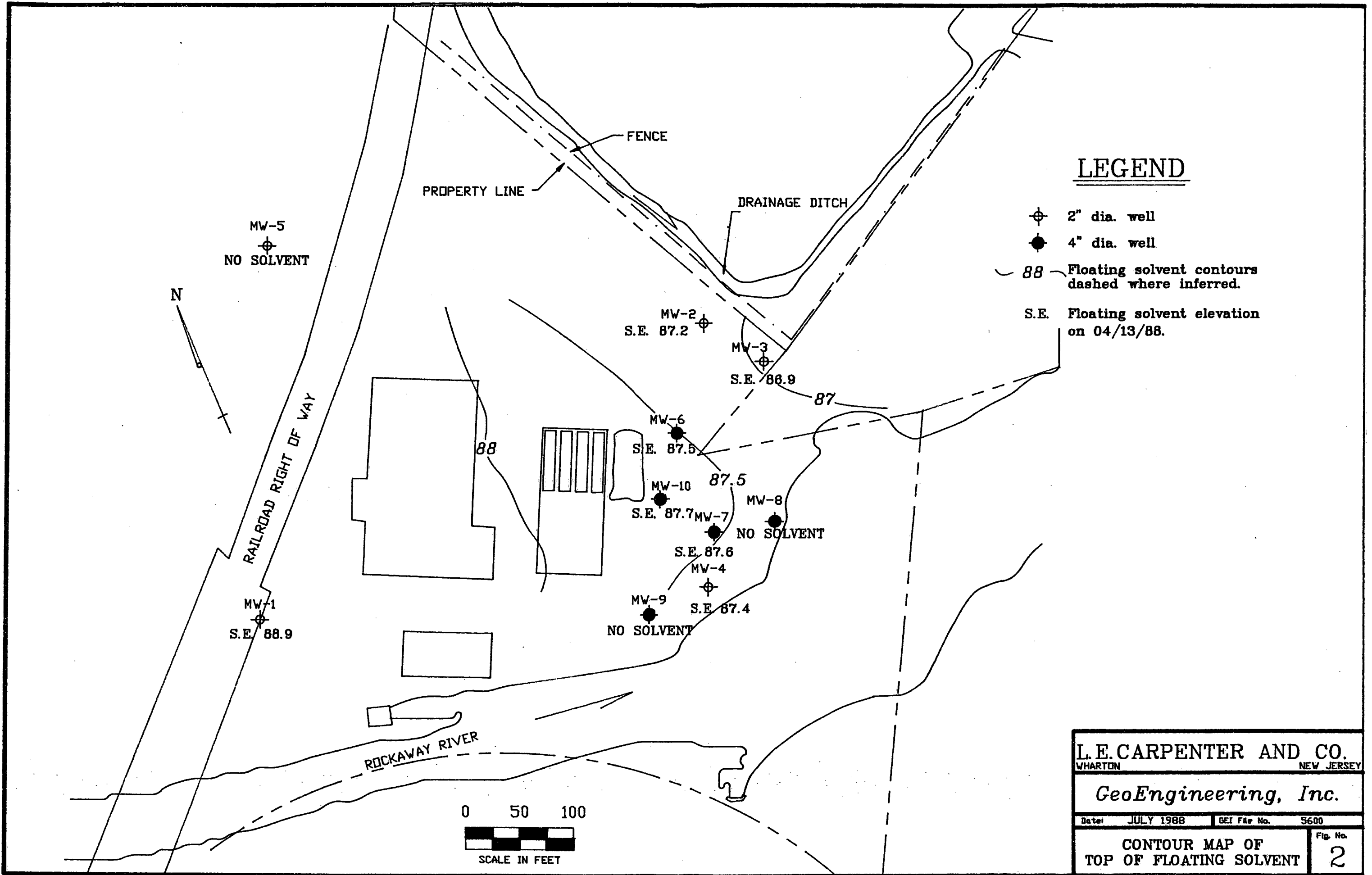
TABLE A: SOLVENT THICKNESS AND PIEZOMETRIC ELEVATIONS ON 4/13/88

WELL NO.	PIEZOMETRIC SURFACE ELEVATION (feet above MSL)	FLOATING SOLVENT SURFACE ELEVATION (feet above MSL)	MEASURED SOLVENT THICKNESS IN MONITORING WELL (feet)	CALCULATED FLOATING SOLVENT THICKNESS (feet)
1	87.6 (1)	88.9	1.99	0.30
2	86.9 (1)	87.2	0.02	0.00
3	87.0 (2)	86.9	0.77	0.12
4	87.3 (1)	87.4	0.08	0.01
5	87.6 (1)	no solvent	0.00	0.00
6	87.6 (2)	87.5	0.74	0.11
7	87.7 (2)	87.6	0.62	0.09
8	87.9 (3)	no solvent	0.00	0.00
9	87.8 (3)	no solvent	0.00	0.00
10	88.5 (2)	87.7	5.29	0.79
DRAINAGE DITCH	90.5			
RIVER PT. 1	90.3			
RIVER PT. 2	88.2			
RIVER PT. 3	86.7			

N O T E S: (1) Depth to water measured inside GEOMON Groundwater Sampler/Piezometer (inlet screen is below solvent level)
 (2) Calculated piezometric surface, assuming solvent specific gravity is 0.87.
 (3) No solvent observed in monitoring well



L.E. CARPENTER AND CO.		
WHARTON NEW JERSEY		
GeoEngineering, Inc.		
Date: JULY 1988	GEI File No. 5600	Fig. No. 1
PIEZOMETRIC WATER LEVEL CONTOURS		



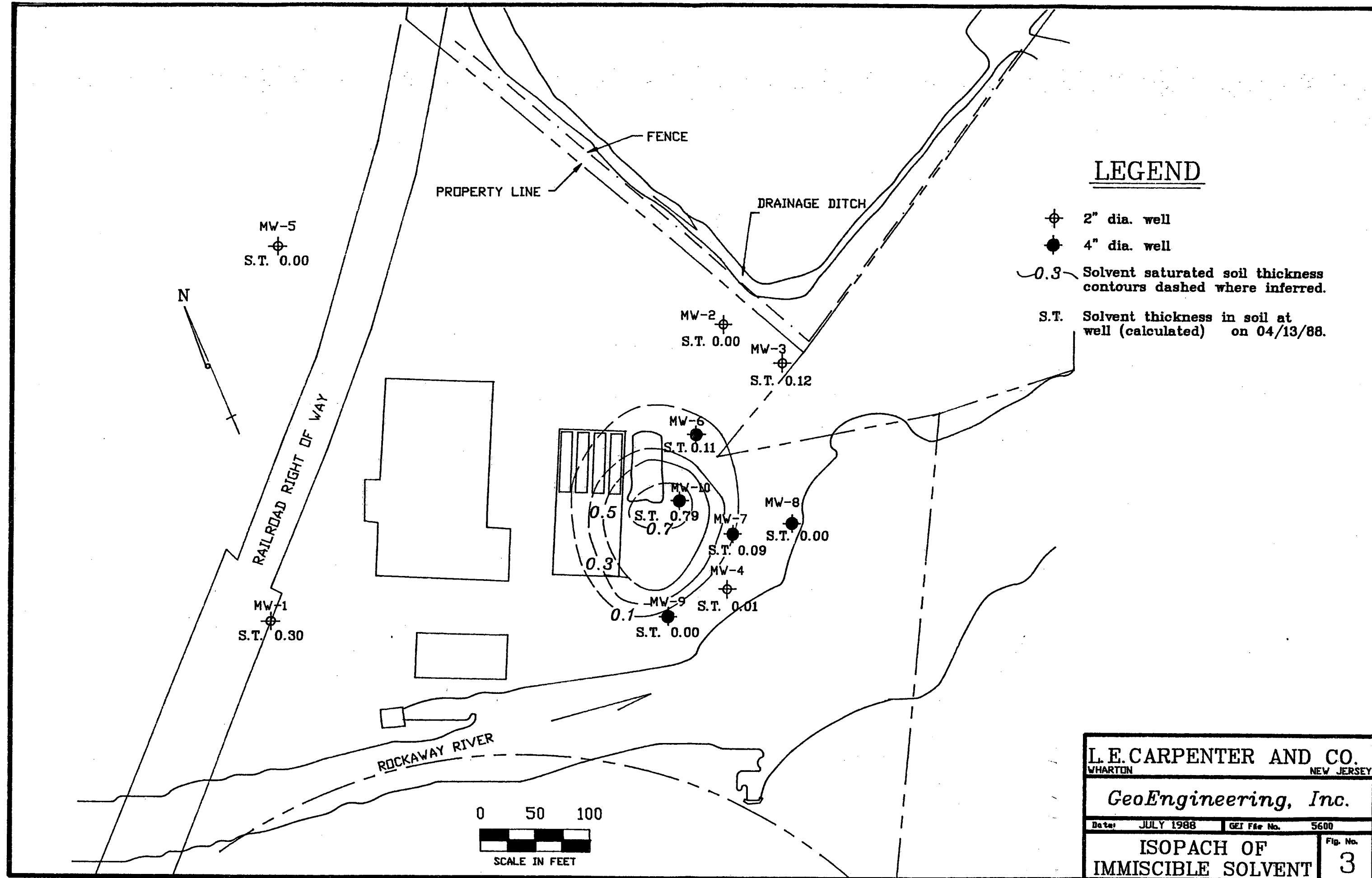
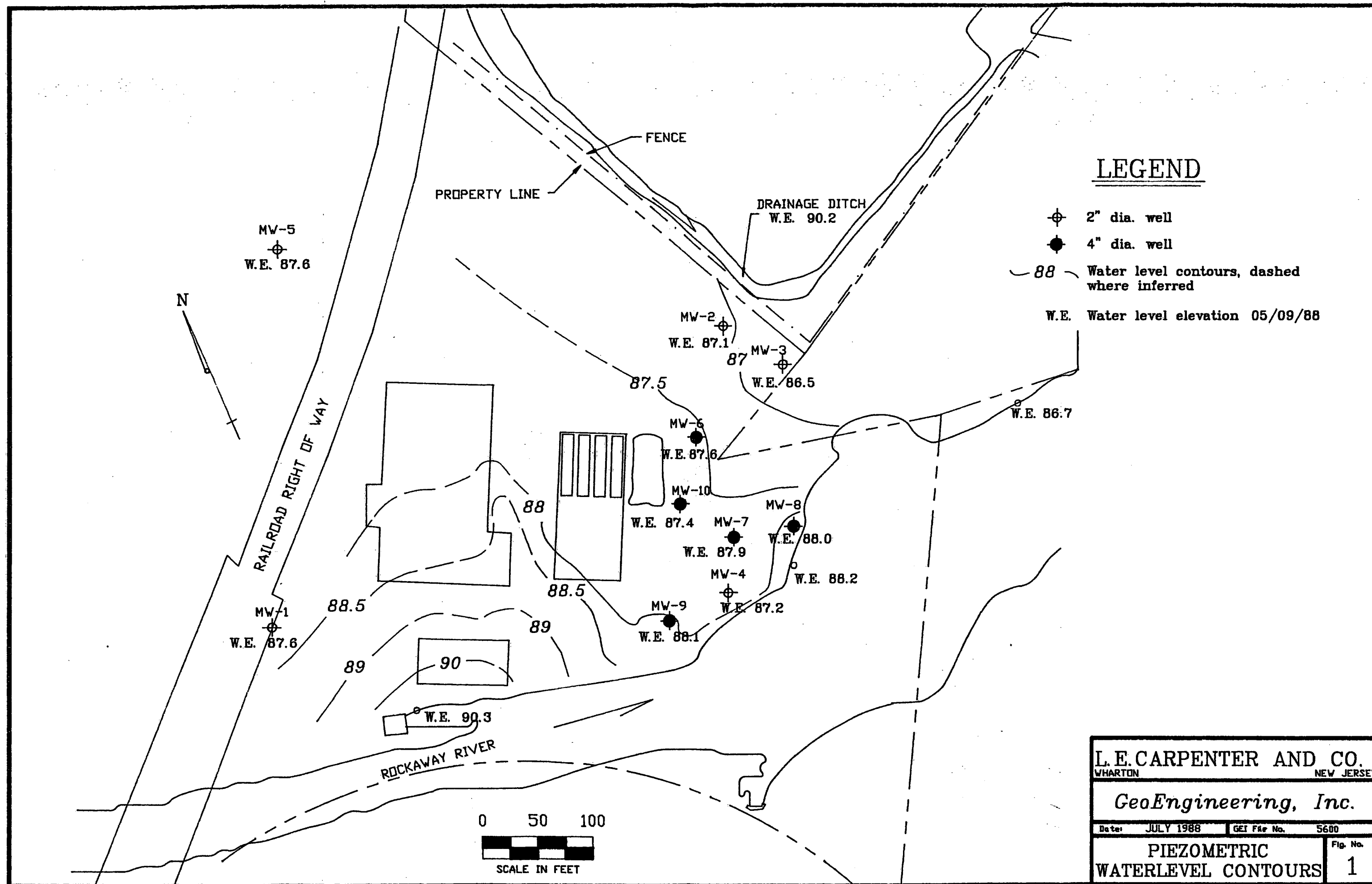


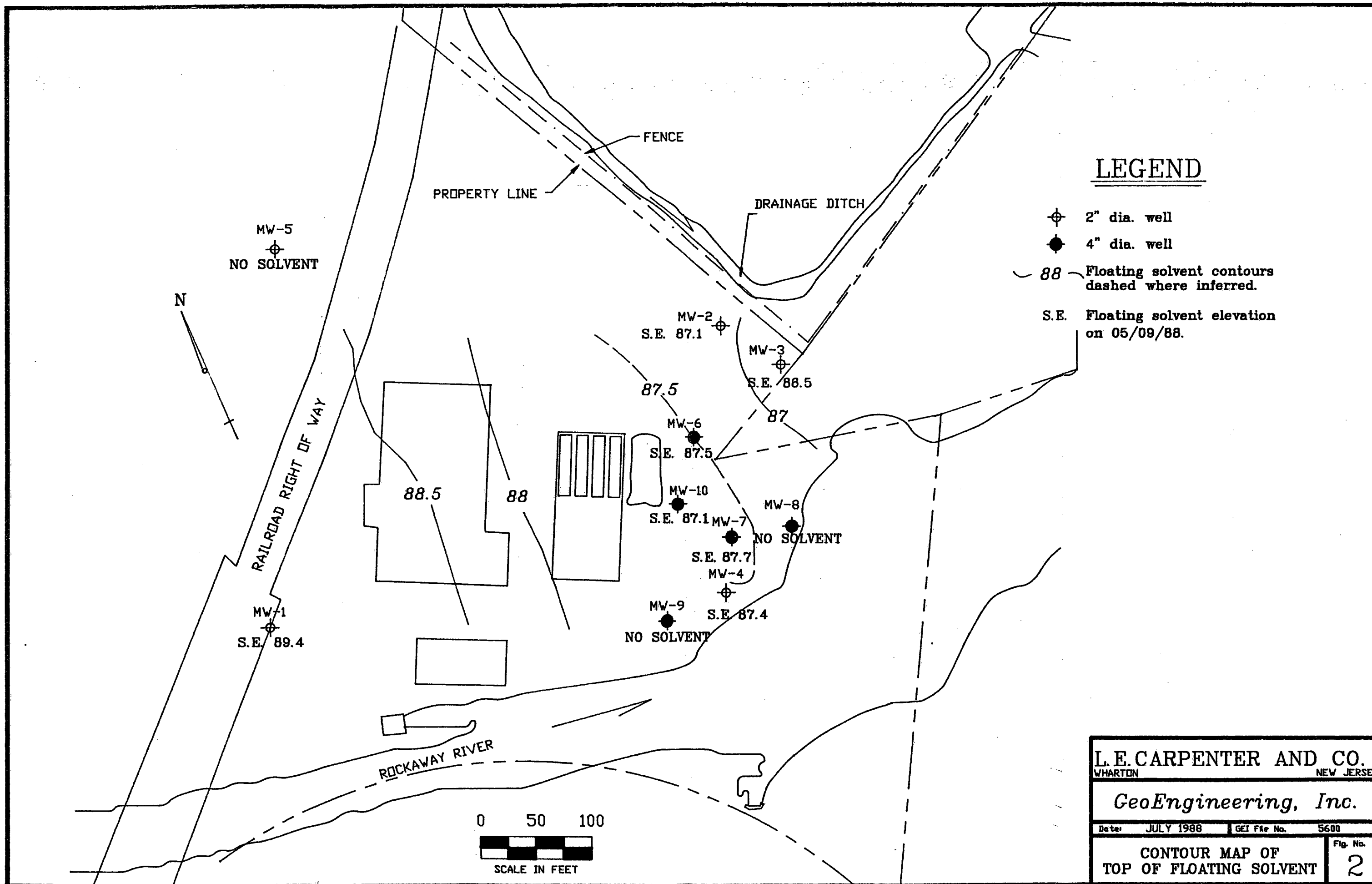
TABLE A: SOLVENT THICKNESS AND PIEZOMETRIC ELEVATIONS ON 5/09/88

WELL NO.	PIEZOMETRIC SURFACE ELEVATION (feet above MSL)	FLOATING SOLVENT SURFACE ELEVATION (feet above MSL)	MEASURED SOLVENT THICKNESS IN MONITORING WELL (feet)	CALCULATED FLOATING SOLVENT THICKNESS (feet)
1	87.6 (1)	89.4	2.50	0.37
2	87.1 (1)	87.1	0.04	0.01
3	86.5 (2)	86.5	0.18	0.03
4	87.2 (1)	87.4	1.13	0.17
5	87.6 (1)	no solvent	0.00	0.00
6	87.6 (2)	87.5	0.58	0.09
7	87.9 (2)	87.7	1.71	0.26
8	88.0 (3)	no solvent	0.00	0.00
9	88.1 (3)	no solvent	0.00	0.00
10	87.4 (2)	87.1	2.32	0.35
DRAINAGE DITCH	90.2			
RIVER PT. 1	90.3			
RIVER PT. 2	88.2			
RIVER PT. 3	86.7			

N O T E S: (1) Depth to water measured inside GEOMON Groundwater Sampler/Piezometer (inlet screen is below solvent level)
 (2) Calculated piezometric surface, assuming solvent specific gravity is 0.87.
 (3) No solvent observed in monitoring well



L.E. CARPENTER AND CO.	
WHARTON	NEW JERSEY
GeoEngineering, Inc.	
Date: JULY 1988	GEI File No. 5600
PIEZOMETRIC WATERLEVEL CONTOURS	
Fig. No. 1	



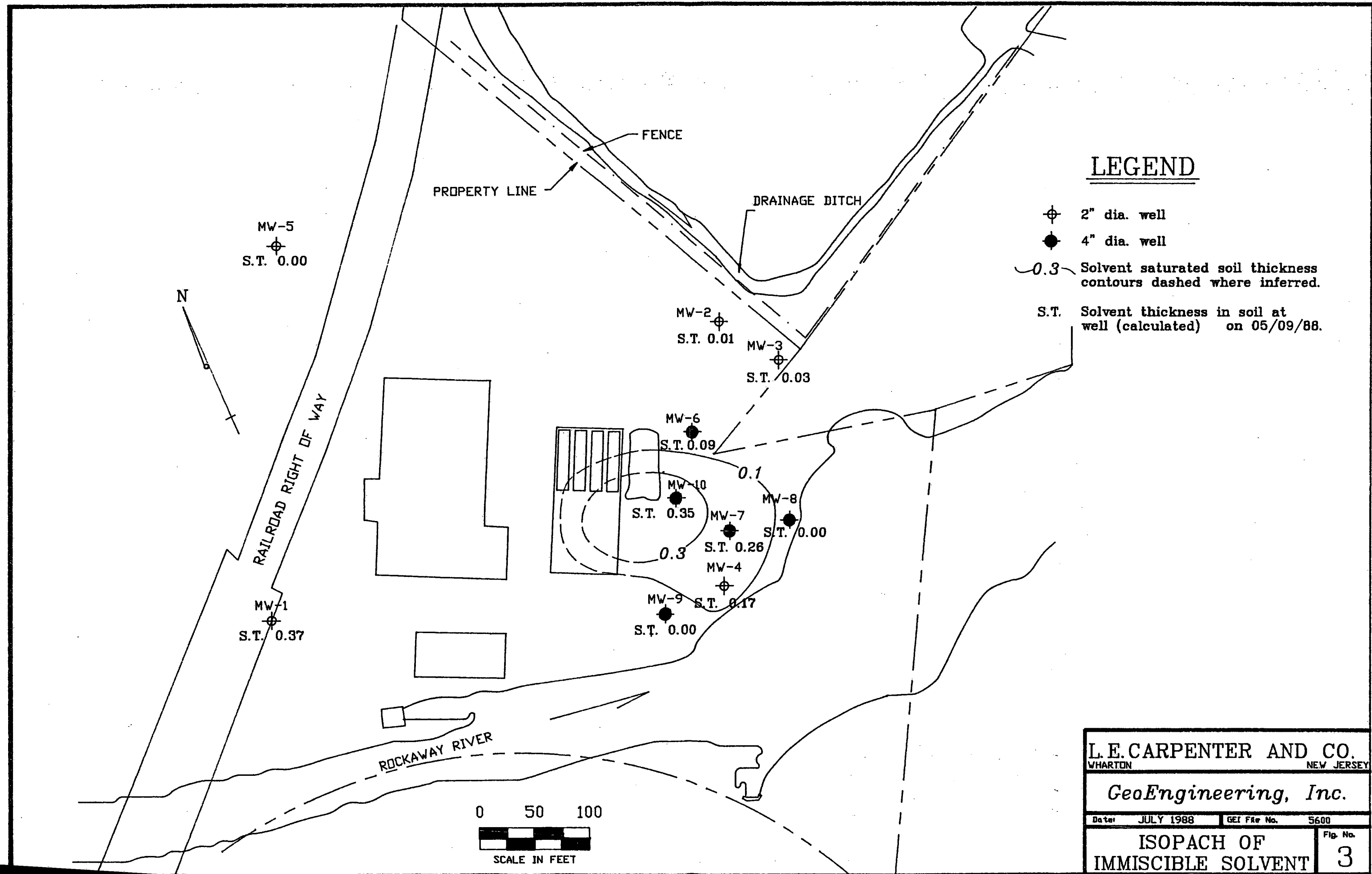
L.E. CARPENTER AND CO.
WHARTON NEW JERSEY

GeoEngineering, Inc.

Date: JULY 1988 GET File No. 5600

CONTOUR MAP OF
TOP OF FLOATING SOLVENT

Fig. No.
2



L.E. CARPENTER AND CO.
WHARTON NEW JERSEY

GeoEngineering, Inc.

Date: JULY 1988 GET File No. 5600

ISOPACH OF
IMMISCIBLE SOLVENT

Fig. No.
3

TABLE A: SOLVENT THICKNESS AND PIEZOMETRIC ELEVATIONS ON 6/20/88

WELL NO.	PIEZOMETRIC SURFACE ELEVATION (feet above MSL)	FLOATING SOLVENT SURFACE ELEVATION (feet above MSL)	MEASURED SOLVENT THICKNESS IN MONITORING WELL (feet)	CALCULATED FLOATING SOLVENT THICKNESS (feet)
1	87.7 (1)	90.4	4.08	0.61
2	87.1 (1)	87.8	0.10	0.02
3	86.8 (1)	87.2	0.63	0.09
4	87.3 (1)	87.4	0.10	0.02
5	87.6 (1)	no solvent	0.00	0.00
6	89.2 (2)	88.6	3.75	0.56
7	88.5 (2)	87.6	5.67	0.85
8	87.8 (3)	no solvent	0.00	0.00
9	87.7 (3)	no solvent	0.00	0.00
10	90.6 (2)	89.1	9.58	1.43
DRAINAGE DITCH	90.2			
RIVER PT. 1	90.0			
RIVER PT. 2	88.1			
RIVER PT. 3	86.6			

N O T E S: (1) Depth to water measured inside GEOMON Groundwater Sampler/Piezometer (inlet screen is below solvent level)
 (2) Calculated piezometric surface, assuming solvent specific gravity is 0.87.
 (3) No solvent observed in monitoring well

